

CLAIMS

1. An addressable Tap used in cable TV networks consisting of a power supply module, a filter demodulation module, a control module and 8 switches. Said power supply module, filter demodulation module and switches are electrically connected to the control module, which is characterized by:

Said modules and switches are all installed on a PCB and contained in a housing, which is compatible and about plus minus 30% of the existing traditional installed Tap in size; said control module uses high performance microprocessor, switches are micro RF switches in order to be of the smallest total size.

2. An addressable Tap used in cable TV networks as defined in claim 1 is characterized by: said housing has a main signal input terminal located at the left side, which is connected with the precedent addressable Tap and a main signal output terminal at the right side, which is connected with the next addressable Tap. Said housing has also eight output terminals on its front surface, which are connected with the users.

3. An addressable Tap used in cable TV networks as defined in claim 1 is characterized by: an interference module is inserted between said control module and RF switches and said interference module will receive control signals from said control module to generate interference signals on the target RF switches.